1644

ÜIPE

RAW SEQUENCE LISTING   DATE: 12/17/2001
PATENT APPLICATION: US/09/875,519A   TIME: 09:58:51

Input Set : A:\30443.txt
Output Set: N:\CRF3\12172001\I875519A.raw

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   5 <110> APPLICANT: Farries, Timothy C.
   7         Harrison, Richard A.
  11 <120> TITLE OF INVENTION: Down-Regulation Resistant C3 Convertase
  15 <130> FILE REFERENCE: 4-30443/A/IMU/PCT
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/875,519A
C--> 21 <141> CURRENT FILING DATE: 2001-06-06
  25 <150> PRIOR APPLICATION NUMBER: PCT/GB97/00603
  27 <151> PRIOR FILING DATE: 1997-03-04
  31 <160> NUMBER OF SEQ ID NOS: 35
  35 <170> SOFTWARE: PatentIn Ver. 2.0
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  45 <213> ORGANISM: Artificial Sequence
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  51 <223> OTHER INFORMATION: Description of Artificial Sequence:
  53         oligodeoxynucleotide PL-ATC-3
  57 <400> SEQUENCE: 1
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  83 caactgccca gccaaagctc caagatcacc                         30
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  91 <212> TYPE: DNA
  93 <213> ORGANISM: Artificial Sequence
  97 <220> FEATURE:
  99 <223> OTHER INFORMATION: Description of Artificial Sequence:
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 105 <400> SEQUENCE: 3
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 113 <211> LENGTH: 32
 115 <212> TYPE: DNA
 117 <213> ORGANISM: Artificial Sequence
 121 <220> FEATURE:
 123 <223> OTHER INFORMATION: Description of Artificial Sequence:
 125         oligodeoxynucleotide AFL4149
 129 <400> SEQUENCE: 4
 131 taataaattc gaccttaagg tcaccataaa ac                      32
 135 <210> SEQ ID NO: 5
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139 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: antisense
149   oligodeoxynucleotide QRI1n
153 <400> SEQUENCE: 5
155 ggtgatcttg gagctttggc tgggcagttg   30
159 <210> SEQ ID NO: 6
161 <211> LENGTH: 30
163 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence:
173   antisense oligodeoxynucleotide
175   QRI2n
179 <400> SEQUENCE: 6
181 cttggtctct tctgattgca ggaggctggc   30
185 <210> SEQ ID NO: 7
187 <211> LENGTH: 32
189 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence: antisense
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203 <400> SEQUENCE: 7
205 gttttatggt gaccttaagg tcgaatttat ta   32
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211 <211> LENGTH: 30
213 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence: mutagenic
223   primer
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229 caactgccca gckrsagctc caagatcacc   30
233 <210> SEQ ID NO: 9
235 <211> LENGTH: 30
237 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
249 <400> SEQUENCE: 9
251 caccaggaac tgaatctaga tgtgtccctc   30
255 <210> SEQ ID NO: 10
257 <211> LENGTH: 32
259 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:

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271 <400> SEQUENCE: 10
273 gttttatggt gaccttaagg tcgaatttat ta                              32
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279 <211> LENGTH: 45
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287 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence: mutagenic
291       oligonucleotide
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303 <211> LENGTH: 39
305 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
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313 <223> OTHER INFORMATION: Description of Artificial Sequence: mutagenic
315       oligonucleotide
319 <400> SEQUENCE: 12
321 tgqtgttgac caatacatct ccgactatca gctggacaa                      39
325 <210> SEQ ID NO: 13
327 <211> LENGTH: 44
329 <212> TYPE: DNA
331 <213> ORGANISM: Homo sapiens
335 <400> SEQUENCE: 13
337 tgggtgcccc aaccatcatc atcatcatca ttgaccacac cccc                44
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343 <211> LENGTH: 44
345 <212> TYPE: DNA
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351 <220> FEATURE:
353 <223> OTHER INFORMATION: Description of Artificial Sequence: mutagenic
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359 <400> SEQUENCE: 14
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367 <211> LENGTH: 20
369 <212> TYPE: DNA
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381 <400> SEQUENCE: 15
383 tgtcatcgtg ccgctaaaga                                           20
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389 <211> LENGTH: 20
391 <212> TYPE: DNA
393 <213> ORGANISM: Artificial Sequence
397 <220> FEATURE:
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401       primer
403 <400> SEQUENCE: 16
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413 <212> TYPE: DNA
415 <213> ORGANISM: Homo sapiens
419 <400> SEQUENCE: 17
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425 <210> SEQ ID NO: 18
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429 <212> TYPE: DNA
431 <213> ORGANISM: Artificial Sequence
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439       primer
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451 <211> LENGTH: 27
453 <212> TYPE: DNA
455 <213> ORGANISM: Artificial Sequence
459 <220> FEATURE:
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463       primer
467 <400> SEQUENCE: 19
469 gaacgcctgg gcgaagaagg agtgcag                                    27
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475 <211> LENGTH: 28
477 <212> TYPE: DNA
479 <213> ORGANISM: Artificial Sequence
483 <220> FEATURE:
485 <223> OTHER INFORMATION: Description of Artificial Sequence: mutagenic
487       primer
491 <400> SEQUENCE: 20
493 aacgcctgtg ccaaggagga gtgcagaa                                   28
497 <210> SEQ ID NO: 21
499 <211> LENGTH: 14
501 <212> TYPE: PRT
503 <213> ORGANISM: Homo sapiens
507 <400> SEQUENCE: 21
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511   1               5                  10
517 <210> SEQ ID NO: 22
519 <211> LENGTH: 1663
521 <212> TYPE: PRT
523 <213> ORGANISM: Homo sapiens
527 <400> SEQUENCE: 22
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529 Met Gly Pro Thr Ser Gly Pro Ser Leu Leu Leu Leu Leu Leu Thr His
531  1                   5                  10                  15
535 Leu Pro Leu Ala Leu Gly Ser Pro Met Tyr Ser Ile Ile Thr Pro Asn
537                  20                  25                  30
541 Ile Leu Arg Leu Glu Ser Glu Glu Thr Met Val Leu Glu Ala His Asp
543             35                  40                  45
547 Ala Gln Gly Asp Val Pro Val Thr Val Thr Val His Asp Phe Pro Gly
549         50                  55                  60
553 Lys Lys Leu Val Leu Ser Ser Glu Lys Thr Val Leu Thr Pro Ala Thr
555  65                  70                  75                  80
559 Asn His Met Gly Asn Val Thr Phe Thr Ile Pro Ala Asn Arg Glu Phe
561                  85                  90                  95
565 Lys Ser Glu Lys Gly Arg Asn Lys Phe Val Thr Val Gln Ala Thr Phe
567             100                 105                 110
571 Gly Thr Gln Val Val Glu Lys Val Val Leu Val Ser Leu Gln Ser Gly
573             115                 120                 125
577 Tyr Leu Phe Ile Gln Thr Asp Lys Thr Ile Tyr Thr Pro Gly Ser Thr
579         130                 135                 140
583 Val Leu Tyr Arg Ile Phe Thr Val Asn His Lys Leu Leu Pro Val Gly
585 145                 150                 155                 160
589 Arg Thr Val Met Val Asn Ile Glu Asn Pro Glu Gly Ile Pro Val Lys
591                 165                 170                 175
595 Gln Asp Ser Leu Ser Ser Gln Asn Gln Leu Gly Val Leu Pro Leu Ser
597             180                 185                 190
601 Trp Asp Ile Pro Glu Leu Val Asn Met Gly Gln Trp Lys Ile Arg Ala
603             195                 200                 205
607 Tyr Tyr Glu Asn Ser Pro Gln Gln Val Phe Ser Thr Glu Phe Glu Val
609         210                 215                 220
613 Lys Glu Tyr Val Leu Pro Ser Phe Glu Val Ile Val Glu Pro Thr Glu
615 225                 230                 235                 240
619 Lys Phe Tyr Tyr Ile Tyr Asn Glu Lys Gly Leu Glu Val Thr Ile Thr
621                 245                 250                 255
625 Ala Arg Phe Leu Tyr Gly Lys Lys Val Glu Gly Thr Ala Phe Val Ile
627             260                 265                 270
631 Phe Gly Ile Gln Asp Gly Glu Gln Arg Ile Ser Leu Pro Glu Ser Leu
633         275                 280                 285
637 Lys Arg Ile Pro Ile Glu Asp Gly Ser Gly Glu Val Val Leu Ser Arg
639         290                 295                 300
643 Lys Val Leu Leu Asp Gly Val Gln Asn Pro Arg Ala Glu Asp Leu Val
645 305                 310                 315                 320
649 Gly Lys Ser Leu Tyr Val Ser Ala Thr Val Ile Leu His Ser Gly Ser
651                 325                 330                 335
655 Asp Met Val Gln Ala Glu Arg Ser Gly Ile Pro Ile Val Thr Ser Pro
657             340                 345                 350
661 Tyr Gln Ile His Phe Thr Lys Thr Pro Lys Tyr Phe Lys Pro Gly Met
663         355                 360                 365
667 Pro Phe Asp Leu Met Val Phe Val Thr Asn Pro Asp Gly Ser Pro Ala
669         370                 375                 380
673 Tyr Arg Val Pro Val Ala Val Gln Gly Glu Asp Thr Val Gln Ser Leu
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VERIFICATION SUMMARY   DATE: 12/17/2001
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L:19 M:270 C: Current Application Number differs, Replaced Current Application Number
L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date